

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2656	362/297,346.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:09
L2	2693	(semiconductor light emitting chips) or (light emitting diode chips)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:09
L3	7	1 and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:09
S1	4	((("5001609") or ("6495861"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 18:01
S2	24	("3593055" "4907044" "5001609" "5813753" "6274890").PN. OR ("6495861").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/09 18:03
S3	6	("3821775" "5534718" "6274890" "6495861" "6774406").PN. OR ("7042021").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/09 18:23
S4	21	("3821775").URPN.	USPAT	NEAR	ON	2007/05/09 18:26
S5	24	("3593055" "4907044" "5001609" "5813753" "6274890").PN. OR ("6495861").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/09 18:30
S6	2688	(semiconductor light emitting chips) or (light emitting diode chips)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:09

EAST Search History

S7	129	(concave reflector) with (reflect\$4 mirrors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:33
S8	976	(concave reflector) and (reflect\$4 mirrors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:37
S9	4	S6 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:34
S10	2099	(concave reflector) and mirrors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:36
S11	6	S6 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:36
S12	59	(concave reflector) with facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:40
S13	0	S6 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:39

EAST Search History

S14	57	(curv\$4 reflector) with facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:40
S15	475	S6 and reflector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:41
S16	11	S6 and (concave reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:38
S17	130	S6 and (reflector same mirrors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:51
S18	0	275/98.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:32
S19	2993	257/98.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:52
S20	438	257/98.ccls. and chip and reflector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:52

EAST Search History

S21	195	257/98.ccls. and chip and reflector and mirrors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:53
S22	5	257/98.ccls. and chip and (concave reflector) and mirrors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:53
S23	9	257/98.ccls. and chip and (concave reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:54
S24	30	"257"/\$.ccls. and chip and (concave reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/09 18:54
S25	3	zhao-hongtu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:32
S26	0	zhao-hongwell.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:33
S27	0	zhao-hongwel.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:33

EAST Search History

S28	5	zhao-hongwei.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:33
S29	5	S25 or S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:35
S30	2693	(semiconductor light emitting chips) or (light emitting diode chips)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:54
S31	4806	(concave reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:39
S32	367	(concave reflector) and facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:39
S33	2904	reflector with facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:41
S34	57	(curv\$3 reflector) with facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 17:56

EAST Search History

S35	223	(curv\$3 with reflector) with facet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:41
S36	3082	S32 or S33 or S34 or S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:42
S37	340	S30 with (plurality or (more than one))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:44
S38	432	S30 same (plurality or (more than one))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:44
S39	432	S37 or S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:45
S40	2	S39 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:45
S41	14	("4964025" "5255171" "5723868" "5810463" "5921652" "6191872" "6200002" "6257737").PN. OR ("6547416").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/10 14:14

EAST Search History

S42	0	S30 with focus with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:55
S43	505	focus with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:54
S44	0	S30 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:54
S45	0	S30 same (focus with S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:55
S46	0	S30 and (focus with S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:55
S47	5	S30 with (focus with reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:56
S48	64	S30 same (focus with reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:56

EAST Search History

S49	88	S30 and (focus with reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:01
S50	88	S47 or S48 or S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 13:56
S51	134	S30 and reflector and focus	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/10 14:14
S52	49	S51 not S50	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/10 15:06
S53	5	((("20030016536") or ("20030103348") or ("6773138") or ("6955451") or ("7064355"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:11
S54	6	((("20030016536") or ("20030103348") or ("6773138") or ("6955451") or ("7064355") or ("6652122"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:13
S55	2	("6238073").PN. OR ("6652122"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/10 15:12
S56	5	((("20030103348") or ("6773138") or ("6955451") or ("7064355") or ("6652122"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:14
S57	4	((("20030103348") or ("6773138") or ("6955451") or ("6652122"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:27
S58	1	("1701149").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:29
S59	1	("20050001433").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 15:39
S60	0	((("6492725" "6686609" "6715900" "6773138" "6955451" "7048412" "7053419").PN.)).PN.	USPAT	OR	OFF	2007/05/10 15:39
S61	15	((("6492725" "6686609" "6715900" "6773138" "6955451" "7048412" "7053419").PN.)).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 15:39

EAST Search History

S62	7	("6492725" "6686609" "6715900" "6773138" "6955451" "7048412" "7053419").PN.	USPAT	NEAR	ON	2007/05/10 15:40
S63	17	("20030063474" "20030063476" "20030103348" "20030107046" "4588883" "5506760" "5655830" "6164798" "6190020" "6320182" "6350041" "6412971" "6525668" "6573536" "6682211").PN. OR ("7048412").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/10 16:53
S77	0	DE-9206859.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 17:01
S78	0	DE-09206859.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 17:04
S79	0	DE-93108305.S33.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/10 17:05
S80	0	("0570987").PN.	EPO; DERWENT	OR	OFF	2007/05/10 17:05
S81	0	("0570987").PN.	EPO; DERWENT	OR	OFF	2007/05/10 17:05
S82	834	(curv\$3 reflector) with (facet\$4 or sections or portions or mirrors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 17:59
S83	2693	(semiconductor light emitting chips) or (light emitting diode chips)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 17:57

EAST Search History

S84	1	S82 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 17:59
S85	2847	(curv\$3.reflector) and (facet\$4 or sections or portions or mirrors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 17:59
S86	2	S85 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/11 18:00
S87	5	((("6644841") or ("5001609") or ("6495861") or ("6682211") or ("7048412")).PN.	USPAT	OR	OFF	2007/05/11 18:02
S88	17	("20030063474" "20030063476" "20030103348" "20030107046" "4588883" "5506760" "5655830" "6164798" "6190020" "6320182" "6350041" "6412971" "6525668" "6573536" "6682211").PN. OR ("7048412").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:02
S89	14	("20040165387" "20050052870" "5644475" "6231207" "6343871" "6425678" "6435459" "6481130" "6525668" "6538899" "6709132" "6773138" "7014337" "7048412").PN. OR ("7207695").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:03
S90	10	("4733335" "5580156" "5723868" "6296376" "6547416" "6573653" "D474303").PN. OR ("6644841").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:05
S91	24	("3593055" "4907044" "5001609" "5813753" "6274890").PN. OR ("6495861").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:07

EAST Search History

S92	55	("3609475" "3780357" "3821775" "3875456" "3923381" "3957031" "4002499" "4003638" "4045246" "4114592" "4130107" "4230095" "4237332" "4240692" "4359265" "4387961" "4483007" "4651261" "4684919" "4698730" "4742432").PN. OR ("5001609"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:08
S93	55	("3609475" "3780357" "3821775" "3875456" "3923381" "3957031" "4002499" "4003638" "4045246" "4114592" "4130107" "4230095" "4237332" "4240692" "4359265" "4387961" "4483007" "4651261" "4684919" "4698730" "4742432").PN. OR ("5001609"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:12
S94	28	("3581162" "4963798" "5136483" "5160201" "5561346" "5707139" "6147367" "6149283" "6200134" "6220722" "6367949").PN. OR ("6682211"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:30
S95	325	362/297.ccls. and concave	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:32
S96	3	362/297.ccls. and concave and S83	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:31
S97	10	S83 with focus	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:31
S98	205	362/297.ccls. and concave and (focus or focal)	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:32
S99	37	("0153341" "1347268" "1394319" "2751816" "3511983" "3768900" "4021549" "4041344" "4153929" "4545000" "4608512" "4686412" "4755711" "4829210" "4833576" "4918353" "D061209" "D061210" "D253195").PN. OR ("5272408"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:57

EAST Search History

S10 0	2	("6851835").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/11 18:57
S10 1	2	("4964025" "6644841").PN. OR ("6851835").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 18:57
S10 2	2	("4964025" "6644841").PN. OR ("6851835").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/05/11 19:04
S10 3	2	("6644841").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 13:50
S10 4	2	("7048412").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/12 16:29
S10 5	12	((("7048412") or ("6851835") or ("6682211") or ("6652122") or ("6644841") or ("20030103348") or ("20030063476") or ("6454433") or ("6080464") or ("4964025") or ("4907044") or ("3821775"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/12 17:00
S10 6	10938	362/247,545,507,249,296,310,326, 327,346,350,360,800.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:03
S10 7	2693	(semiconductor light emitting chips) or (light emitting diode chips)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:04

EAST Search History

S10 8	5	S107 with (focus with reflector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:04
S10 9	175	S107 and reflector and (focal or focus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:05
S11 0	42	S109 and S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:06
S11 1	11	S105 and S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:06
S11 2	124	S106 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/12 17:08